

Amendments to the Specification and Abstract

In the Title:

Please amend the title to read as follows: --CIRCUIT BREAKER HAVING A MICROPROCESSOR-CONTROLLED TRIPPING DEVICE AND A BYPASS CIRCUIT--.

In the Specification:

Before the title, please delete the heading "Description".

Before paragraph [0002] please delete insert the heading --BACKGROUND--.

Before paragraph [0005], insert the heading --SUMMARY OF THE INVENTION--.

Please replace paragraph [0006] with the following rewritten paragraph:

[0006] Therefore, ~~the~~ it is an object of the present invention is based on the objective of ensuring to provide the protective function of the circuit breaker even when it is switched on during a short circuit.

Before paragraph [0007], please insert new paragraph [0006.1] as follows:

--[0006.1] The present invention provides a circuit breaker. The circuit breaker includes:

a main contactor;

a current detector configured to provide test signals of a current to be monitored via the main contactor;

a microprocessor-controlled tripping device including a microprocessor and a watchdog circuit configured to monitor the microprocessor, the tripping device being configured to receive energy from the current detector, to process the test signals and to activate a tripping coil so as to automatically open the main contactor when a settable limit value is exceeded;

a bypass circuit configured to receive energy from the current detector and including a

high pass filter connected downstream from the watchdog circuit, a first semiconductor switch connected downstream from the high pass filter, a charging capacitor dischargeable via the first semiconductor switch, and a voltage comparator having a first input, a second input and an output side, the voltage comparator being connected via the first input to the current detector and on the output side to the charging capacitor;

a monitoring circuit configured to apply a first reference voltage to the second input of the comparator when a supply voltage is below a pre-defined threshold level and to apply a second reference voltage to the second input of the comparator when the supply voltage is above the pre-defined threshold level, the first reference voltage being associated with a first current limit value and the second reference voltage being associated with a second current limit value that is smaller than the first current limit value; and

an actuation circuit connected on an output side thereof to the tripping coil and configured to be actuated via a first OR-input by the tripping device and via a second OR-input by the charging capacitor as a function of a state of charge of the charging capacitor.--.

Please delete paragraph [0007].

Before paragraph [0012], please insert the heading --BRIEF DESCRIPTION OF THE DRAWINGS--.

Before paragraph [0013], please insert the heading --DETAILED DESCRIPTION--.

On page 10, first line, please delete the heading "Claims", and insert the new heading --WHAT IS CLAIMED IS:--.